

DERWENT-ACC-NO: 1975-70093W
DERWENT-WEEK: 197542
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TITLE: Granular nitrogen-phosphorus fertiliser prodn -
from melt of urea and
ammonium phosphate added at high temp
PATENT-ASSIGNEE: SARBAEV A N[SARBI]
PRIORITY-DATA: 1969SU-1334238 (May 26, 1969)
PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES	MAIN-IPC	
SU 304824 A	December 15, 1974	N/A
000	N/A	

INT=CL (IPC): C05C001/02

ABSTRACTED-PUB-NO: SU 304824A

BASIC-ABSTRACT: The ammonium phosphate is added to the melt
at 130 degrees C.

This increases the propn. of assimilable nitrogen in the
fertiliser produced.

In an example molten ammonium phosphate (57.5 pbw) is mixed
in over 1 min. to a

melt of 99.5%-urea (122.4pbw) cooled from 135 degrees C to
130 degrees C. The

melt is granulated and the prodn. has a N content of 36.4%
and a P2O5 content
of 18.5%.

DERWENT-CLASS: C04

CPI-CODES: C05-B02A4; C10-A13C; C12-M11; C12-N09; C12-N10

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Basic Abstract Text - ABTX:

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